



Figure I-2-23. Duluth Canal, Minnesota (November 1994). Thanks to the St. Lawrence Seaway and a network of locks, rivers, and canals, deep-draft ocean-going freighters can ship bulk commodities and goods throughout the Great Lakes. This vessel is taking iron ore from the nearby Mesabe Iron Range to some distant port. The Duluth Canal, excavated privately in 1871, is now a Federal project maintained by the USACE.



Figure I-2-24. Bluffs about 1 km north of St. Joseph Harbor, eastern Lake Michigan (November 1993). In this area, the sand and clay bluffs are receding at an average rate of between 0.3 and 0.4 m per year. They are highly vulnerable to ground water seepage and, during periods of high lake level, to wave attack. Freshly-slumped clay blocks can be seen on the bluff face in the right side of the image

I-2-6. References

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I-2-7. Acknowledgments

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